

Amendments to the Claims:

1-126. (Canceled)

127. (Previously Presented) A preparation comprising protein molecules, said preparation including heparanase (endo- β -D-glucuronidase) protein, said heparanase protein having heparanase catalytic activity or being cleavable so as to acquire said heparanase catalytic activity, wherein said heparanase protein comprises SEQ ID NO: 10, provided that said amino acid sequence has a phenylalanine residue instead of a tyrosine residue at position 246, and wherein said preparation is pure enough to elicit anti-heparanase antibodies.

128. (Canceled)

129. (Previously Presented) A heparanase protein comprising SEQ ID NO: 10, provided that said amino acid sequence has a phenylalanine residue instead of a tyrosine residue at position 246.

130 - 133. (Canceled)